

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"6538470".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 17:32
S2	3	"20030141898"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 17:32
S3	34	("3473160"   "4871930"   "5122685"   "5128559"   "5371422"   "5483178"   "5689195"   "5754459"   "5825202"   "5874834"   "6069487"   "6078941"   "6154049"   "6215326"   "6255848"   "6404226"). PN. OR ("6538470"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:49
S4	15344	"708"/\$.ccls. and @ad<"20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:50
S5	96	(zheng.in. and leon.in.) or (langhammer.in. and martin.in.) or (prasad.in. and nitin.in.) or (starr.in. and greg.in.) or (hwang. in. and chiao.in.) or (harmalingam.in. and kumara.in.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:52
S6	38	S5 and accumulat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 13:04
S7	6	S6 and concatena\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:56
S8	1	S6 and (concatenat\$3. clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 17:55
S9	4367	S4 and accumulat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:57

S10	3338	S9 and (multiplier\$1 or multiplication or multiplying)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:57
S11	340	concatenat\$3 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:57
S12	119	S11 and programmable\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 17:58
S13	0	S12 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 17:58
S14	118	S12 and ("zero" or "0")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:49
S15	58	S14 and initializ\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:01
S16	49	chat.xa. and accumulat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:25
S17	73	chat.xa. and multiplier\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:25
S18	40	S17 not S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:25
S19	11	("4849922"   "5249146"   "5583803"   "5590066"   "5610849"   "5737256"   "5805482"   "6282555"   "6295320"   "6327602"). PN. OR ("6732131"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:27

S20	21	("5053985"   "5181183"   "5249146"   "5345408"   "5452466"   "5574661"   "5610849"   "5636152"   "5671169"   "5724278"   "5825420"   "5986709"   "5995990"   "Re34734"). PN. OR ("6295320"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:34
S21	365	"708"/\$.ccls. and multiplier \$1 and accumulat\$3 and pixel\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:57
S23	156	S21 and programmable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:46
S24	32	("3872290"   "3980873"   "4718091"   "4720871"   "4747157"   "4791677"   "4937774"   "5005149"   "5027423"). PN. OR ("5151953"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:41
S25	35	("3748451"   "4493048"   "4891689"   "4937774"   "5001663"   "5151953"   "5195050"). PN. OR ("5311459"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:46
S26	1362	326/41.ccls. and @ad<"20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:47
S27	1448	326/41.ccls. and @ad<"20040220"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:46
S28	80	S27 and concatenat\$3 and rout\$3 and programmable \$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:47
S29	3	S28 and accumulat\$3 and (multiplier\$1 or multiplication or multiplying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:48

S30	27	("3473160"   "4871930"   "4912345"   "5122685"   "5128559"   "5371422"   "5483178"   "5689195"   "5744980"   "5754459"   "5825202"   "5874834"   "6069487"   "6215326"   "6362650"   "6407576"   "6453382"   "6467017"   "6538470"   "6556044"   "6628140").PN. OR ("6781408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:49
S31	58	("20020002574"   "20020041658"   "20030009659"   "20030028743"   "4777591"   "4777612"   "5043868"   "5258939"   "5282155"   "5297069"   "5297071"   "5311459"   "5343404"   "5428741"   "5500811"   "5502747"   "5517436"   "5532938"   "5588118"   "5590352"   "5613152"   "5642382"   "5680335"   "5710914"   "5748515"   "5764553"   "5787025"   "5787026"   "5790826"   "5839108"   "5867726"   "5896543"   "5904731"   "5926644"   "5941940"   "5987490"   "6058408"   "6078941"   "6092184"   "6119217"   "6167497"   "6175370"   "6175912"   "6230180"   "6230238"   "6230257"   "6247036"   "6260137"   "6266807"   "6292886"   "6321327"   "6327690"   "6349382"   "6425070"   "6496705"   "6510445"   "6532273"   "6532530").PN. OR ("7107302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:51
S32	33	("4852035"   "5363408"   "5367476"   "5381357"   "5398073"   "5483529"   "5493343"   "5506636"   "5550596").PN. OR ("5642382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 19:19

S33	515	multiplier\$1 and programmable and "708"/ \$.ccls. and rout\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:20
S34	12	(US-20060075012-\$ or US-20050144215-\$).did. or (US-7107302-\$ or US-6781408-\$ or US-6771094-\$ or US-6665695-\$ or US-6711301-\$ or US-6538470-\$ or US-5311459-\$ or US-4996661-\$ or US-7142011-\$ or US-6665696-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/07 13:46
S35	3	S34 and concatena\$3	US-PGPUB; USPAT	OR	ON	2007/08/07 14:38
S36	1	"6538470".pn.	US-PGPUB; USPAT	OR	ON	2007/08/07 14:39
S37	2	"20030141898"	US-PGPUB; USPAT	OR	ON	2007/08/07 14:39
S38	354	"708"/\$.ccls. and @ad<"20040220" and concatena\$3 and (multiply \$3 or multiplication or multiplier\$1) and accumula\$3 and (add\$3 or addition or subtract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:46
S39	30	S38 and (concatena\$3 with accumula\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:48
S40	13	((ZHENG and LEON).in. or (LANGHAMMER and MARTIN).in. or (PRASAD and NI TIN).in. or (STARR and GREG).in. or (HWANG and CHIAO).in. or (THARMALINGAM and KUMARA).in.) and concatena\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:38

S41	14	(US-20050144215-\$ or US-20060075012-\$).did. or (US-7107302-\$ or US-6771094-\$ or US-5311459-\$ or US-6781408-\$ or US-6665696-\$ or US-6925480-\$ or US-7142011-\$ or US-6665695-\$ or US-6430677-\$ or US-6711301-\$ or US-4996661-\$ or US-6538470-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/08 15:56
S42	5	S41 and concatena\$3	US-PGPUB; USPAT	OR	ON	2008/01/09 17:49
S43	2	("2005/0144215").URPN.	USPAT	OR	ON	2007/08/08 17:51
S44	0	(11/019518).APP.	USPAT; USOCR	OR	ON	2007/08/08 17:53
S45	7	("4302818"   "5644780"   "5903919"   "6044448"   "6078941"   "6134648"   "6223255").PN. OR ("6430677").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 17:54
S46	1704	@ad<"20040220" and multiplier\$1 and accumulat\$3 and concatena\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:58
S47	339	@ad<"20040220" and multiplier\$1.ti,clm,ab. and accumulat\$3 and concatena\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:58
S48	156	S47 and (programmable \$1 or configurable)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 17:58
S49	1	"5034744".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 13:18
S50	1	"6477552".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 13:18
S51	2	"4876660".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:45

S52	324	"708"/\$.ccls. and @ad<"20040220" and (initializ\$3 or zero\$3) and (multiply\$3 or multiplication) and concatena\$3 and accumulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:46
S53	375	"708"/\$.ccls. and multiplier \$1 and accumulat\$3 and pixel\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:46
S54	161	S53 and programmable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:46
S55	110	S52 and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:47
S56	53	S55 and programmable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:48
S57	7	S56 and concatena\$3.ti, clm,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:48
S58	14	(US-20050144215-\$ or US-20060075012-\$).did. or (US-7107302-\$ or US-6771094-\$ or US-5311459-\$ or US-6781408-\$ or US-6665696-\$ or US-6925480-\$ or US-7142011-\$ or US-6665695-\$ or US-6430677-\$ or US-6711301-\$ or US-4996661-\$ or US-6538470-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/09 17:49
S59	5	S58 and concatena\$3	US-PGPUB; USPAT	OR	ON	2008/01/09 17:49
S60	15628	"708"/\$.ccls. and @ad<"20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49

S61	4449	S60 and accumulat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
S62	3404	S61 and (multiplier\$1 or multiplication or multiplying)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
S63	349	concatenat\$3 and S62	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
S64	124	S63 and programmable\$1	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
S65	123	S64 and ("zero" or "0")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:49
S66	15	(US-20050144215-\$ or US-20060075012-\$).did. or (US-6665695-\$ or US-6665696-\$ or US-7107302-\$ or US-6925480-\$ or US-4996661-\$ or US-5311459-\$ or US-6538470-\$ or US-7142011-\$ or US-6771094-\$ or US-6781408-\$ or US-6711301-\$ or US-6430677-\$ or US-4876660-\$).did.	US-PGPUB; USPAT	OR	ON	2008/07/01 13:01
S67	11	S66 and (zero\$1 or initial\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 13:02
S68	537	((zero\$1 or initial\$4) same accumulator\$1) and @ad<"20040220" and concatenat\$3 and multiply\$3 and (cycle\$1 or clock\$1 or period\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 13:05
S69	25	((zero\$1 or initial\$4) same accumulator\$1).clm,ti,ab. and @ad<"20040220" and concatenat\$3 and multiply\$3 and (cycle\$1 or clock\$1 or period\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/01 13:05
S70	54	("4215416"   "4546446"   "4700324").PN. OR ("4876660").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/01 13:07
S71	18	S68 and mac and "708"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/01 13:08

S72	13	(US-20050144215-\$ or US-20060075012-\$).did. or (US-7107302-\$ or US-6771094-\$ or US-5311459-\$ or US-6781408-\$ or US-6665696-\$ or US-6925480-\$ or US-7142011-\$ or US-6665695-\$ or US-6430677-\$ or US-6711301-\$ or US-4996661-\$ or US-6538470-\$).did.	US-PGPUB; USPAT	OR	ON	2008/11/23 22:06
S73	5	S72 and concatena\$3	US-PGPUB; USPAT	OR	ON	2008/11/23 22:06
S74	54	chat.xa. and accumula\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/23 22:07
S75	77	chat.xa. and multiplier\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/23 22:07
S76	42	S75 not S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/23 22:07
S77	13	(US-20050144215-\$ or US-20060075012-\$).did. or (US-7107302-\$ or US-6771094-\$ or US-5311459-\$ or US-6781408-\$ or US-6665696-\$ or US-6925480-\$ or US-7142011-\$ or US-6665695-\$ or US-6430677-\$ or US-6711301-\$ or US-4996661-\$ or US-6538470-\$).did.	US-PGPUB; USPAT	OR	ON	2008/11/23 22:07
S78	5	S77 and concatena\$3	US-PGPUB; USPAT	OR	ON	2008/11/23 22:07
S79	120	(zheng.in. and leon.in.) or (langhammer.in. and martin.in.) or (prasad.in. and nitin.in.) or (starr.in. and greg.in.) or (hwang.in. and chiao.in.) or (harmalingam.in. and kumara.in.)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/23 22:07

S80	49	S79 and accumulat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/23 22:07
S81	9	S80 and concatena\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/23 22:07
S82	15	(US-20050144215-\$ or US-20060075012-\$).did. or (US-6665695-\$ or US-6665696-\$ or US-7107302-\$ or US-6925480-\$ or US-4996661-\$ or US-5311459-\$ or US-6538470-\$ or US-7142011-\$ or US-6771094-\$ or US-6781408-\$ or US-6711301-\$ or US-6430677-\$ or US-4876660-\$).did.	US-PGPUB; USPAT	OR	ON	2009/05/08 01:29
S83	6	S82 and concatena\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 01:29
S84	54	chat.xa. and accumulat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 01:51
S85	77	chat.xa. and multiplier\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 01:51
S86	42	S85 not S84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/08 01:51
S87	11	(US-20050144215-\$ or US-20060075012-\$).did. or (US-7107302-\$ or US-6771094-\$ or US-5311459-\$ or US-6781408-\$ or US-6665696-\$ or US-6925480-\$ or US-7142011-\$ or US-6665695-\$ or US-6430677-\$ or US-6711301-\$ or US-4996661-\$ or US-6538470-\$).did.	US-PGPUB; USPAT	OR	ON	2009/05/08 01:51
S88	3	S87 and concatena\$3	US-PGPUB; USPAT	OR	ON	2009/05/08 01:51

S89	0	(11/019518).APP.	USPAT; USOCR	OR	ON	2009/05/08 01:51
S90	2	("2005/0144215").URPN.	USPAT	OR	ON	2009/05/08 01:51
S91	1004	"708"/\$.ccls. and (cascad \$3 or concatnat\$3) and accumulat\$3 and multiplication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 17:13
S92	933	S91 and (initial\$5 or zero \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 17:13
S93	361	S92 and feedback	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 17:14
S94	272	S93 and @ad<"20040220"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 17:14
S95	272	S94 and (multiply or multiplication)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 17:14
S96	15	(US-20050144215-\$ or US-20060075012-\$).did. or (US-6665695-\$ or US-6665696-\$ or US-7107302-\$ or US-6925480-\$ or US-4996661-\$ or US-5311459-\$ or US-6538470-\$ or US-7142011-\$ or US-6771094-\$ or US-6781408-\$ or US-6711301-\$ or US-6430677-\$ or US-4876660-\$).did.	US-PGPUB; USPAT	OR	ON	2009/07/21 17:21
S97	7	S96 and (cascad\$3 or concatnat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 17:22

S98	2	"6919794".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 16:05
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**EAST Search History (Interference)**

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**7/ 23/ 2009 9:25:23 AM**

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